

“Why is it essential to set up Peer-to-Peer for FXS and FXO Gateway?”

In most cases, it is to realize the remote dialing, for example, place a FXS port gateway in Site A and another FXO port gateway in Site B, the network link between these two gateways is available, then configure the system to send calls to the opposite side, and the network telecommunication can be realized after two gateways connected with extension, as a result it is practical and time-saving.

Notice before configuration: the network link is available between two gateways;

An example will show you how to configure the gateway:

Site	IP& Port	Outgoing Lines	IP Extension
RGW-Full FXO Port (Device A)	192.168.220.194:5060	7000-7003	-
RGW-Full FXS Port (Device B)	192.168.250.240:5060	-	8000-8003

1.Configuration on RGW-FXO Port Gateway(Gateway A)

Step 1 Configure the Trunk Line Number

On **Trunk>Phone Number** page to configure the number of each trunk line and save it, as shown below:



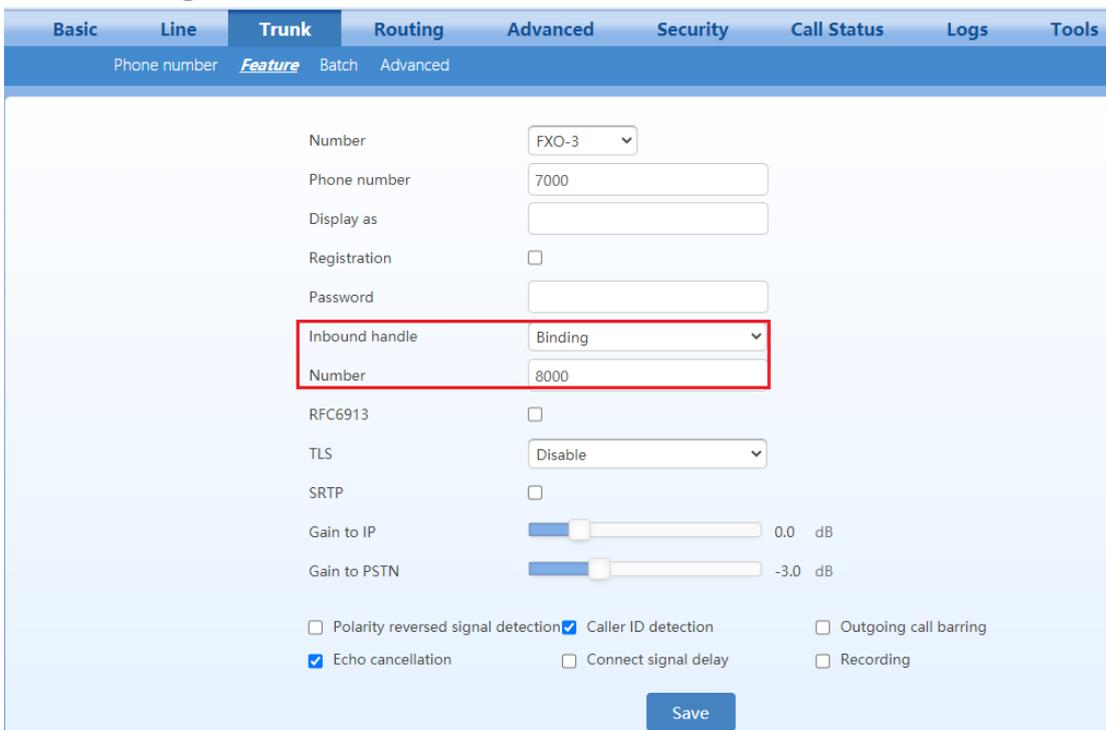
The screenshot shows the 'Trunk' configuration page with the following fields and values:

Field	Value
FXO 1st line No.	
ID3	7001
ID4	7002

Buttons: Batch, Save

Step 2 Configure the Function of Trunk line

On **Trunk>Feature** page, select the port according to the sequence (such as 7000), and select “**Binding**” for Inbound Handle Mode and fill in the corresponding phone number of the FXS port of Gateway B (such as 8000) in the **Binding Number** field, as shown below:



The screenshot shows the 'Trunk Feature' configuration page with the following settings:

Number	FXO-3	
Phone number	7000	
Display as		
Registration	<input type="checkbox"/>	
Password		
Inbound handle	Binding	
Number	8000	
RFC6913	<input type="checkbox"/>	
TLS	Disable	
SRTP	<input type="checkbox"/>	
Gain to IP	0.0 dB	
Gain to PSTN	-3.0 dB	
<input type="checkbox"/> Polarity reversed signal detection	<input checked="" type="checkbox"/> Caller ID detection	<input type="checkbox"/> Outgoing call barring
<input checked="" type="checkbox"/> Echo cancellation	<input type="checkbox"/> Connect signal delay	<input type="checkbox"/> Recording

Buttons: Save

Step 3 Configure the Routing Table

On **Routing>Routing Table** page, setup the routing rules and save it, as

shown below:

The screenshot shows the 'Routing table' configuration page. At the top, there are tabs for 'Basic', 'Line', 'Trunk', 'Routing', 'Advanced', 'Security', 'Call Status', 'Logs', and 'Tools'. The 'Routing' tab is selected. Below the tabs, there is a sub-tab for 'Route' and a note: 'Items marked with * are required'. The configuration is divided into three columns: 'Call from', 'Number matched', and 'Number changed'.
- 'Call from': Includes a dropdown for 'Subscriber line' and a text input for 'Select or input port numbers, separated by a comma *,*'.
- 'Number matched': Includes radio buttons for 'Caller' and 'Callee' (Callee is selected), radio buttons for 'Any' and 'Specified' (Specified is selected), and a text input for 'Input the prefix or number to be match'.
- 'Number changed': Includes radio buttons for 'Caller' and 'Callee' (Callee is selected), a dropdown for 'Add prefix', and a text input for 'Input the prefix to be added'.
A blue 'Add to routing table' button is located below the configuration fields. Below this, there is a 'Routing table' section with a link 'Change the display mode'. A table shows one entry: 'FXO 800[0-3] ROUTE IP 192.168.250.240:5060 IP x ROUTE FXO'. At the bottom, there are 'Save' and 'Refresh' buttons.

2. Configuration onRGW-FXS Port Gateway(GatewayB)

Step 1 Configure User Line Number

On **Line>Phone Number** page, configure the number of each line and save it, as shown below:

The screenshot shows the 'Phone Number' configuration page. At the top, there are tabs for 'Basic', 'Line', 'Trunk', 'Routing', 'Advanced', 'Security', and 'Call Status'. The 'Line' tab is selected. Below the tabs, there is a sub-tab for 'Phone Number' and a note: 'Configuration Batch Advanced'. The configuration is divided into two columns: 'FXS 1st line No.' and 'Batch'.
- 'FXS 1st line No.': Includes a dropdown for 'FXS 1st line No.' and a 'Batch' button.
- 'Batch': Includes a table with 8 rows, each with an 'ID' and a 'Batch' value.
A blue 'Save' button is located at the bottom right of the configuration area.

ID	Batch
ID1	8000
ID2	8001
ID5	8002
ID6	8003
ID7	8004
ID8	8005

Step 2 Configure the Routing Table

On **Routing>Routing Table** page, setup the routing rules and save it, as

shown below:

Basic Line Trunk **Routing** Advanced Security Call Status Logs Tools

Digit map Routing table

Number transformation Route Items marked with * are required

Call from	Number matched	Number changed
* Subscriber line	* <input type="radio"/> Caller <input checked="" type="radio"/> Callee	* <input type="radio"/> Caller <input checked="" type="radio"/> Callee
Select or input port numbers, separated by a comma ",":	<input type="radio"/> Any <input checked="" type="radio"/> Specified	Add prefix
+	* Input the prefix or number to be match	* Input the prefix to be added

Add to routing table

Routing table [Change the display mode](#)

FXS X ROUTE IP 192.168.220.194:5060
IP 80xx ROUTE FXS

Save Refresh

